

Fig. 1

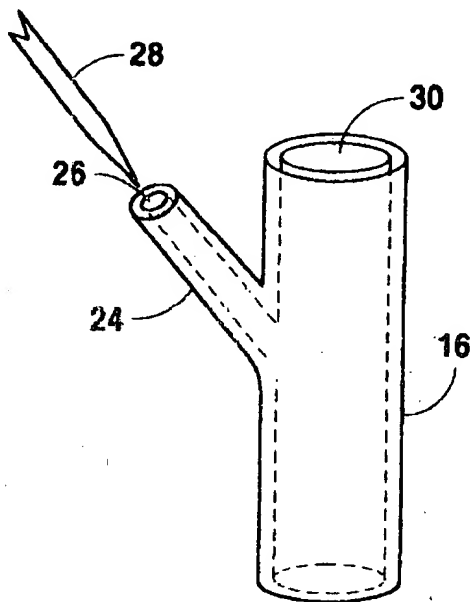


Fig. 2a

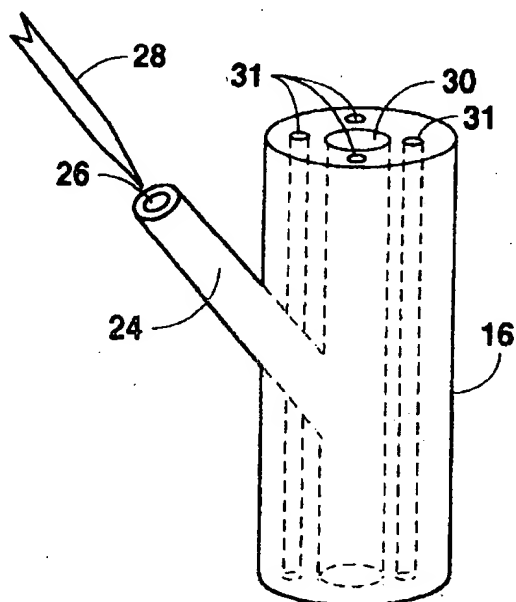


Fig. 2b

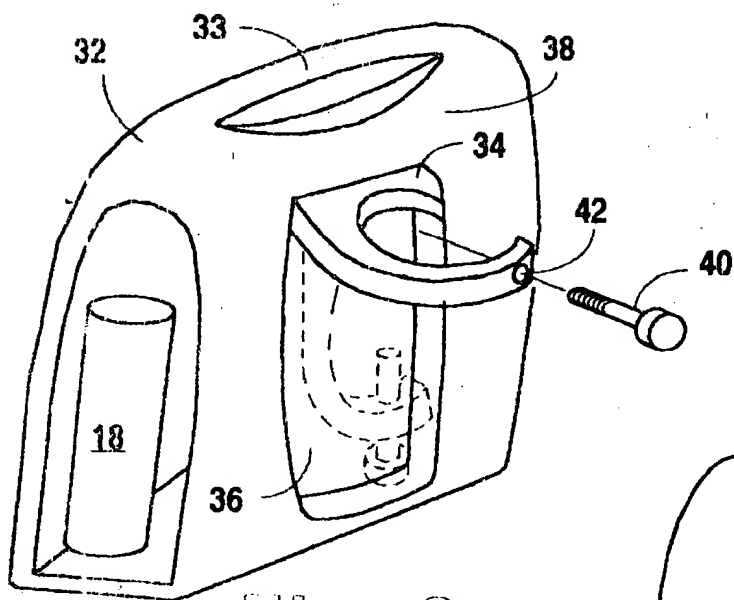


Fig. 3a

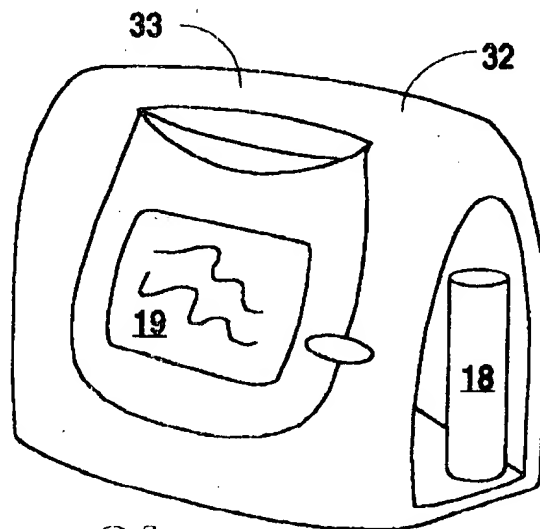


Fig. 3b

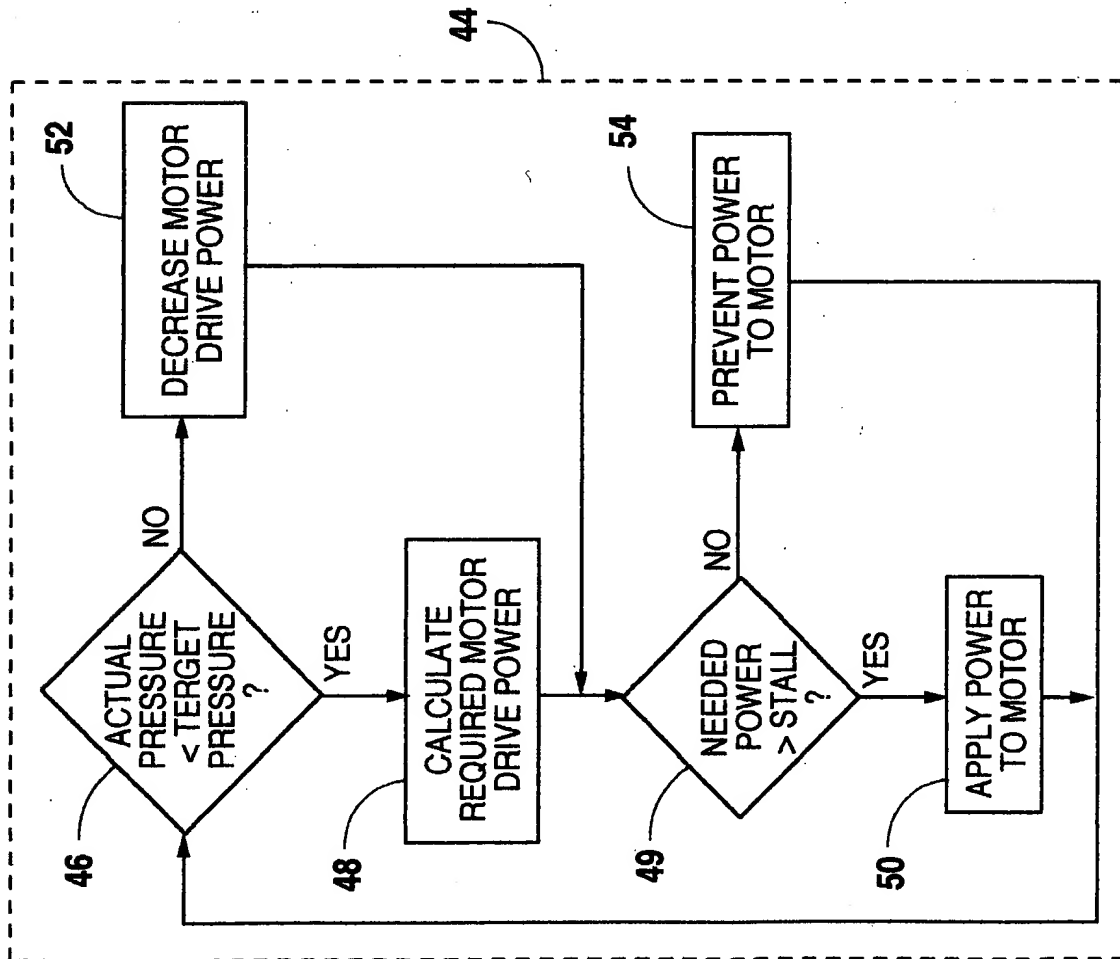


Fig. 4a

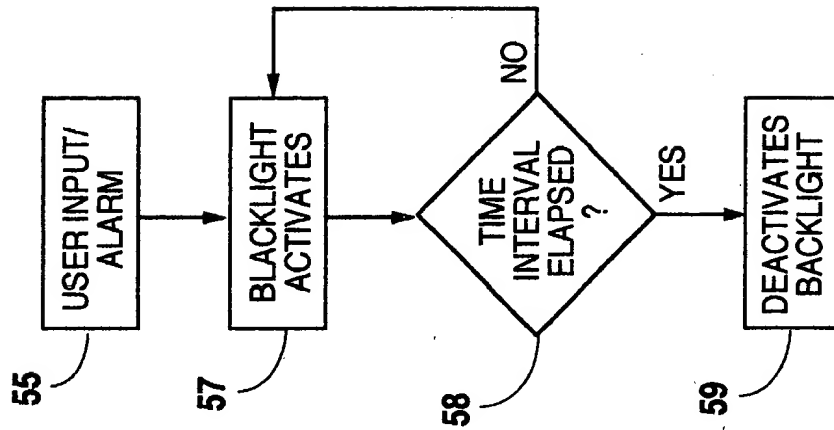


Fig. 4b

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graph TD
    60[60 ACTIVATE PULSING MODE] --> 62[62 SET TARGET MIN & MAX PRESSURES]
    62 --> 63[63 SET PRESSURE DIRECTION TO "INCREASING"]
    63 --> 64{64 "INCREASING" ?}
    64 -- YES --> 70{70 IS TARGET STILL < MAX TARGET ?}
    70 -- YES --> 66{66 HAS ACTUAL PRESSURE CAUGHT UP TO TARGET ?}
    66 -- YES --> 68[68 INCREASE TARGET 1 INTERVAL]
    66 -- NO --> 69[69 SET PRESSURE DIRECTION TO "DECREASING"]
    70 -- NO --> 69
    69 --> 68
    64 -- NO THEN GOING DOWN --> 74{74 IS TARGET STILL > MIN TARGET ?}
    74 -- YES --> 76{76 HAS ACTUAL PRESSURE CAUGHT UP TO TARGET ?}
    76 -- YES --> 72[72 DECREASE TARGET 1 INTERVAL]
    76 -- NO --> 73[73 SET PRESSURE DIRECTION TO "INCREASING"]
    72 --> 68
    73 --> 63
    68 --> 61{61 UNTIL USER STOPS PULSE MODE ?}
    61 -- YES --> STOP[STOP]
    61 -- NO CONTINUE --> 64

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Fig. 5